

| Issue List - 7 Records | | | | | | |
|------------------------|-----------|----------|----------------------|----------------------------------|--|--|
| ID | Project | Type | Label | Description | | |
| IS00000001 | Sample DB | Issue 01 | Product Creation | Product Development and Creation | | |
| IS00000002 | Sample DB | Issue 02 | Mkt.Ping/Positioning | Market planning and positioning | | |
| IS00000003 | Sample DB | Issue 03 | Cap.Ping and Utili. | Capital planning and utilization | | |
| IS00000004 | Sample DB | Issue 04 | Order Fulfillment | Order Fulfillment | | |
| IS00000005 | Sample DB | Issue 05 | Customer Comm. | Customer Communication | | |
| IS00000006 | Sample DB | Issue 06 | Mgmt. Processes | Management Processes | | |
| IS00000007 | Sample DB | Issue 07 | Fiscal Management | Fiscal Management | | |

Figure 1: Project issues

Name: John Fries ID#: 103

With whom do you interact at least monthly in ways that are generally important in order to get your tasks done, or to help the other person get his/her tasks done?

| | About how often do you interact with the person in order to do your tasks or to help him to do theirs? | About how important is his interaction to you to do your tasks, or to help him to do theirs? | FREQUENCY | | IMPORTANCE | | Product Creation | Mktg. Plan/ Positioning | Capital Plan/ Utilization | Order Fulfillment | Cust. Comm. | Mgmt. Proc. | Fiscal Mgmt. |
|-------------|--|--|-----------------|------------------|------------|---|------------------|-------------------------|---------------------------|-------------------|-------------|-------------|--------------|
| | | | Frequency Range | Importance Range | | | | | | | | | |
| | 5- General times a day 4- General times a week 3- General times a month 2- About once a month | 5- Critical 4- Very Important 3- Important 2- Minimal importance | | | | | | | | | | | |
| D. Scates | 4 | 4 | 4 | 5 | 0 | 3 | 5 | 4 | 4 | | | | |
| D. Vogel | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | | | | |
| P. Kilroy | 3 | 4 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | | | | |
| R. Baird | 2 | 3 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | | | | |
| N. Dailey | 1 | 4 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | | | | |
| J. Swardlow | 2 | 3 | 1 | 1 | 3 | 1 | 1 | 2 | 1 | | | | |
| P. Packard | 3 | 3 | 0 | 2 | 1 | 3 | 1 | 2 | 2 | | | | |
| C. Dinn | 3 | 3 | 3 | 3 | 0 | 1 | 1 | 2 | 2 | | | | |

Impact Scale Range is 1 through 5 (1 = Never, leave blank)
 Seldom 1 Occasionally 2 Half the time 3 Usually 4 Always 5

Figure 2: EnCompass data collection instrument

| | | | | | |
|----------------------|--|--|--|---------------|--|
| Gen ral | | Issues: 1-10 | | Issues: 11-20 | |
| Id: | | D10000128 | | | |
| Project: | | Sample DB | | | |
| Type: | | As Is | | | |
| Subtype: | | | | | |
| Label: | | | | | |
| Survey Date: | | <input checked="" type="checkbox"/> 10/22/2001 | | | |
| Person: Interaction: | | | | | |
| Frequency: | | 4 | | Importance: 4 | |
| Interaction: | | | | | |
| From Person: | | John Frees | | | |
| To Person: | | Dick Scales | | | |

Figure 3: Data collection record—General data

| | | | | | |
|----------------------|--|-----------------|------------|--------------|----------------------|
| General | | Issues 1-10 | | Issues 11-20 | |
| From: John Frees | | To: Dick Scales | | | |
| Product Creation | | | | | |
| Impact: | | 4 | Frequency: | 0 | Hours per week: 0.00 |
| Mkt.Ping/Positioning | | | | | |
| Impact: | | 5 | Frequency: | 0 | Hours per week: 0.00 |
| Cap.Ping and Utili. | | | | | |
| Impact: | | 0 | Frequency: | 0 | Hours per week: 0.00 |
| Order Fulfillment | | | | | |
| Impact: | | 3 | Frequency: | 0 | Hours per week: 0.00 |
| Customer Comm. | | | | | |
| Impact: | | 5 | Frequency: | 0 | Hours per week: 0.00 |
| Mgmt. Processes | | | | | |
| Impact: | | 4 | Frequency: | 0 | Hours per week: 0.00 |
| Fiscal Management | | | | | |
| Impact: | | 4 | Frequency: | 0 | Hours per week: 0.00 |

Figure 4: Data collection record—Issue-specific data

Don Voge

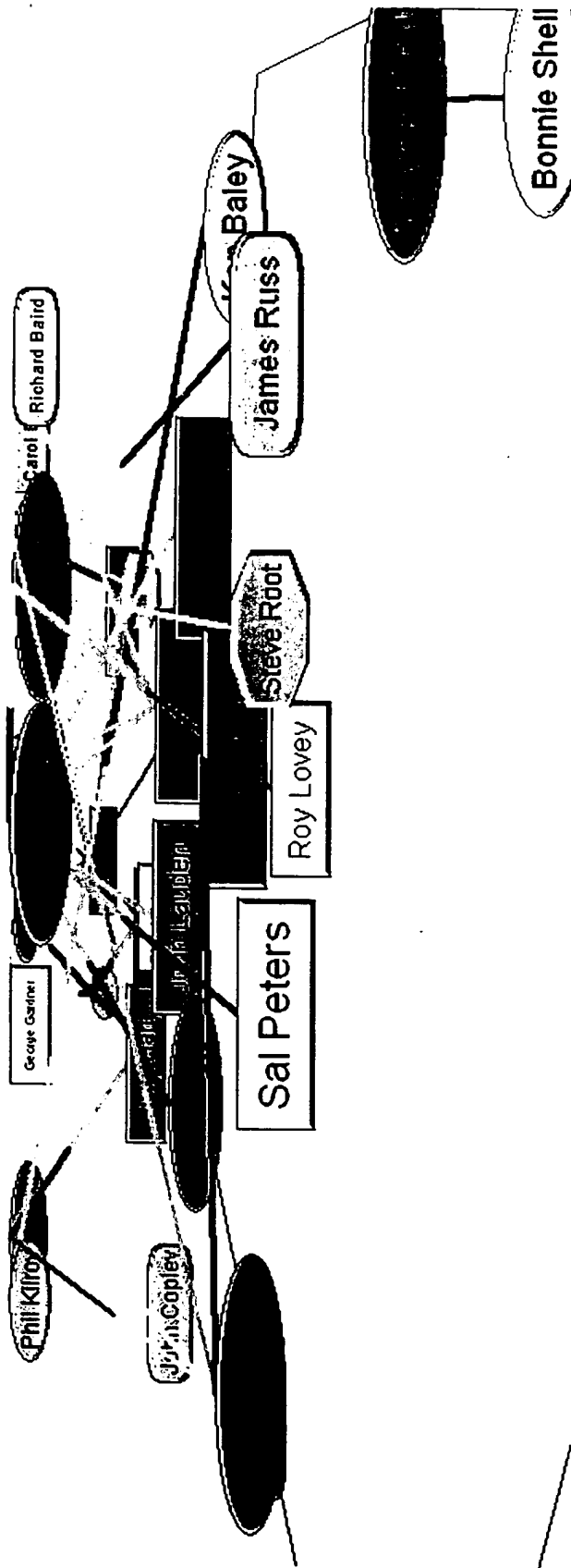


Figure 5: Data collection links

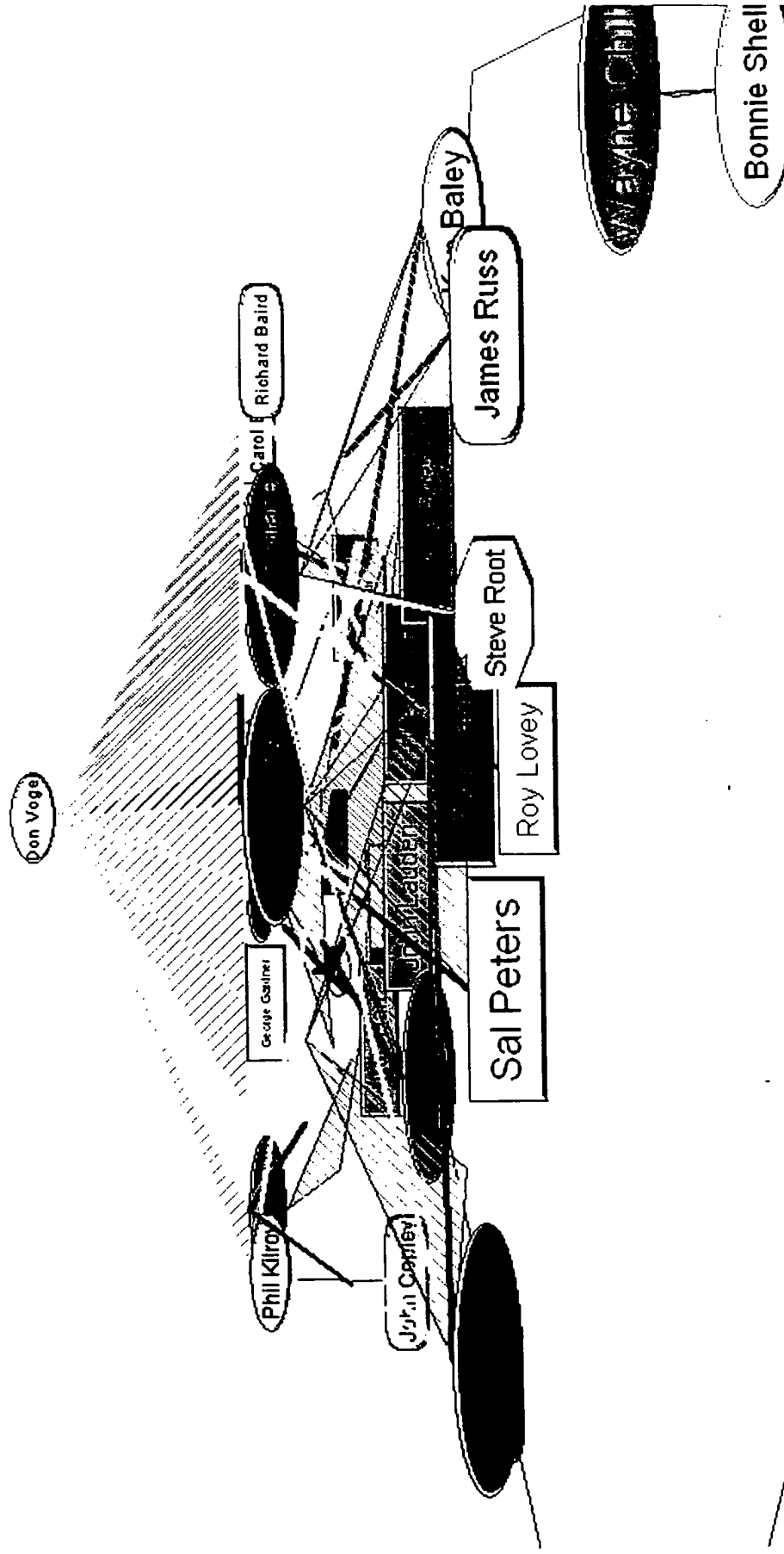


Figure 6: Data-collection links with organization structure

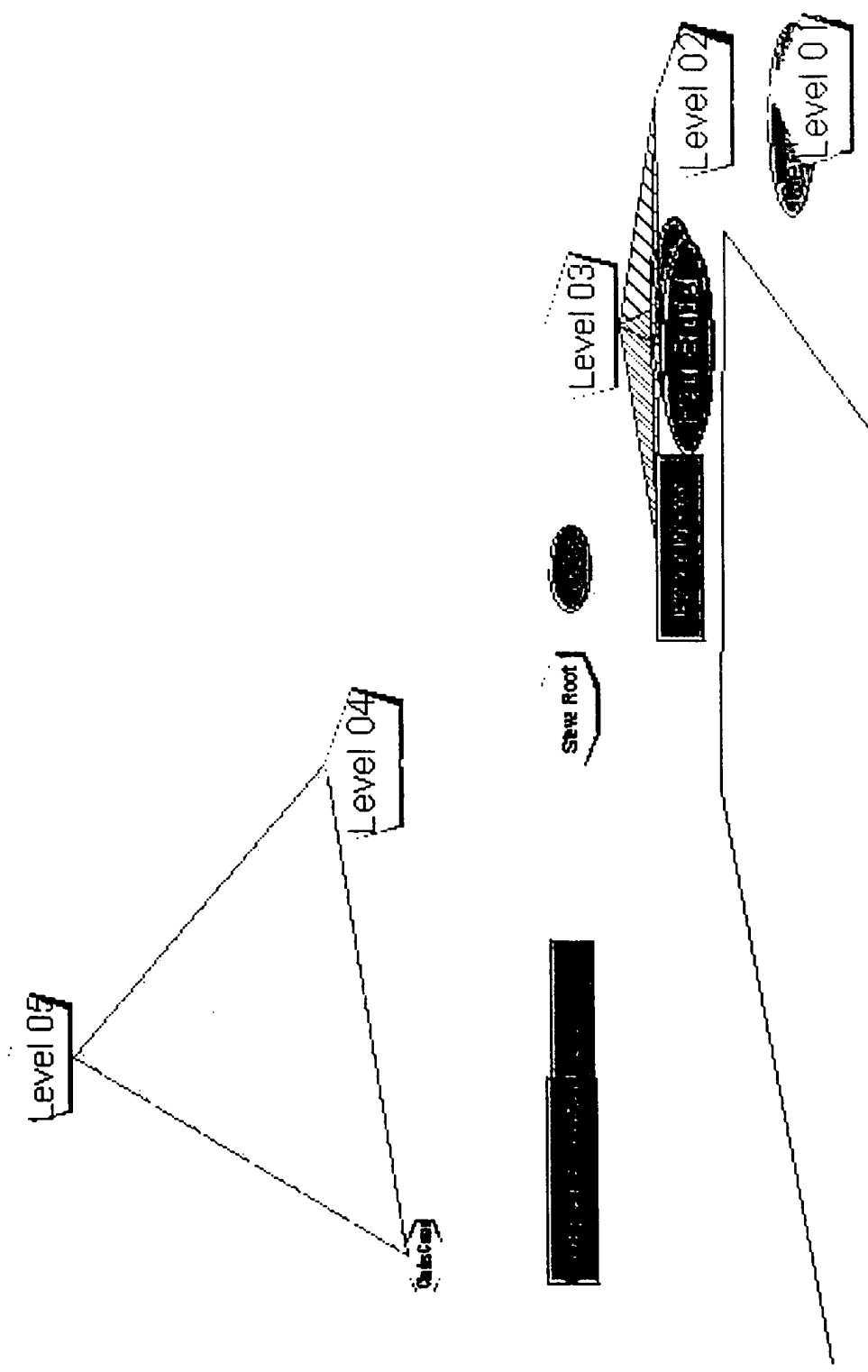


Figure 7: Emergent structure

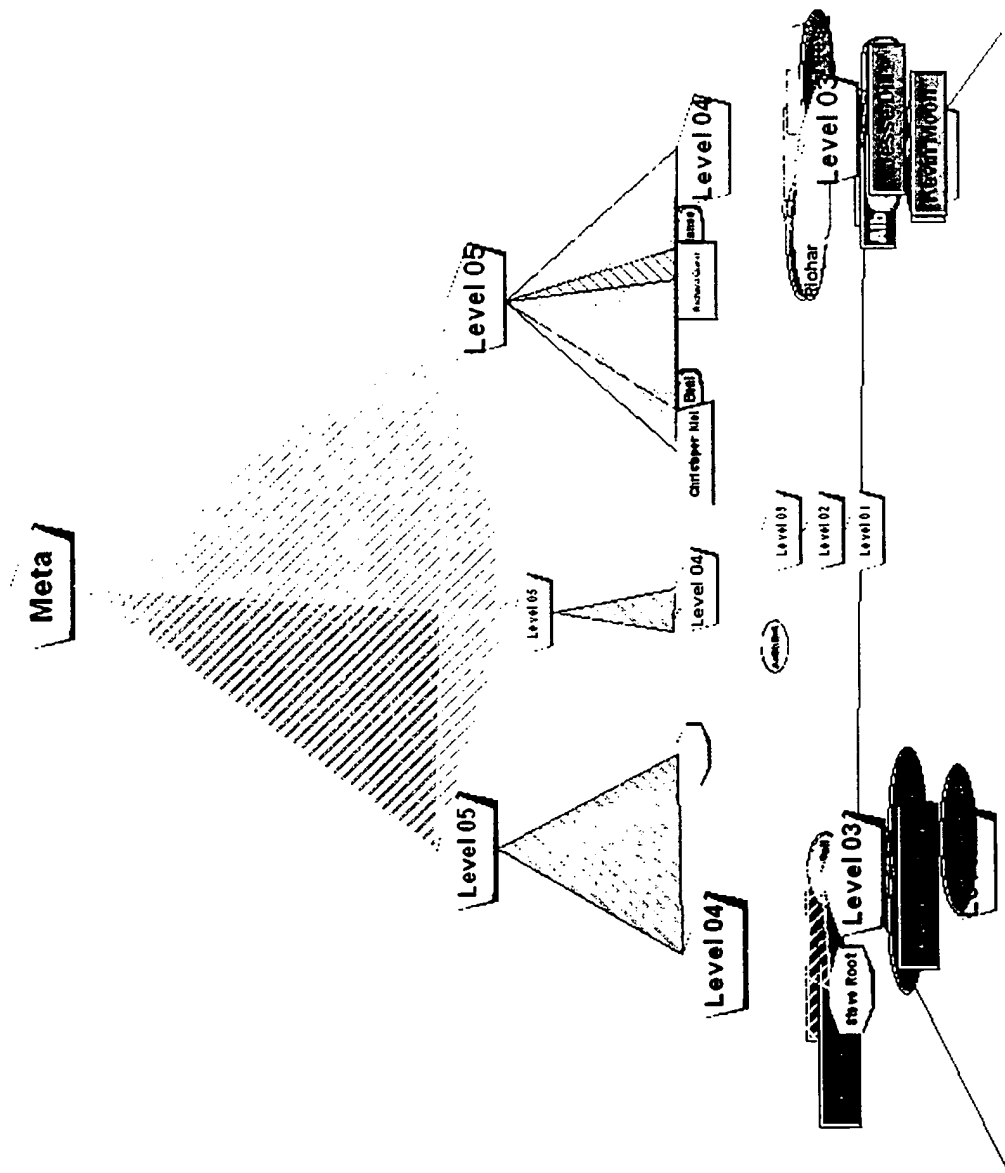


Figure 8: Meta-issue

| Closeness (Distance) X | |
|--------------------------|--|
| First Card Selection: | |
| Card: Marybeth Colson | |
| Desc: PR0000028 | |
| Second Card Selection: | |
| Card: Karl Hart | |
| Desc: PR0000058 | |
| Determine Distance | |
| Cards In between Pair | |
| 1 Eugene Khyber | |
| 1 Les Sutter | |
| Card Description Outline | |

DAVEBUS

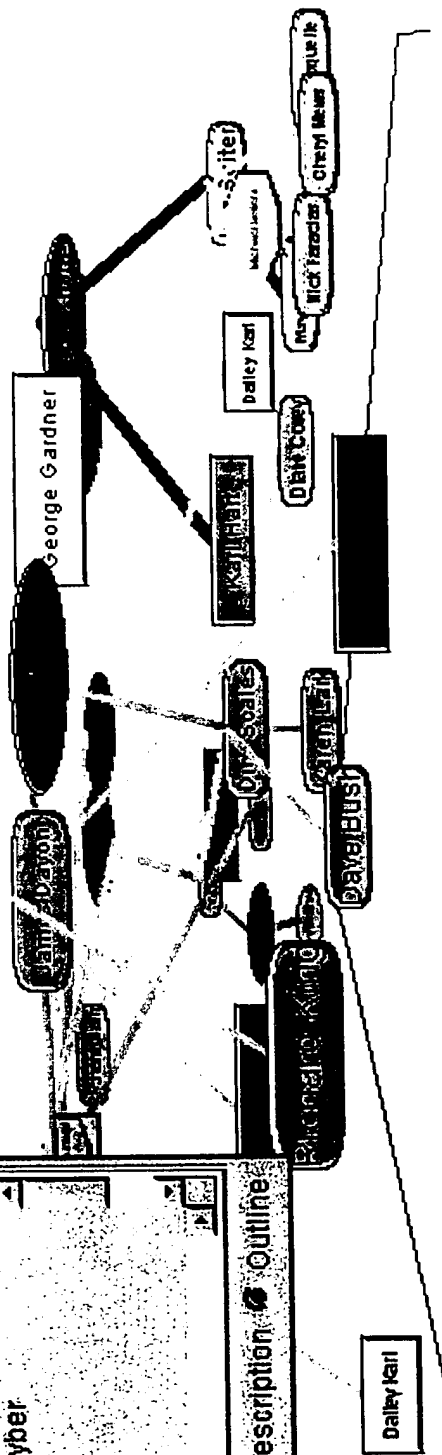


Figure 10: Closeness

| Closeness (Distance) X | |
|---|--|
| First Card Selection: | |
| Card: Marybeth Colson | |
| Desc: PR00000028 | |
| Second Card Selection: | |
| Card: Karl Hart | |
| Desc: PR00000058 | |
| Determine Distance | |
| Cards in between Pair | |
| 1 Eugene Khyber | |
| 2 Les Suiter | |
| <input type="radio"/> Card <input checked="" type="radio"/> Description <input type="radio"/> Outline | |

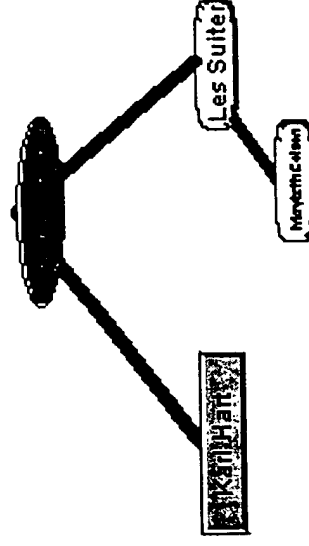


Figure 11: Closeness with shortest path isolated

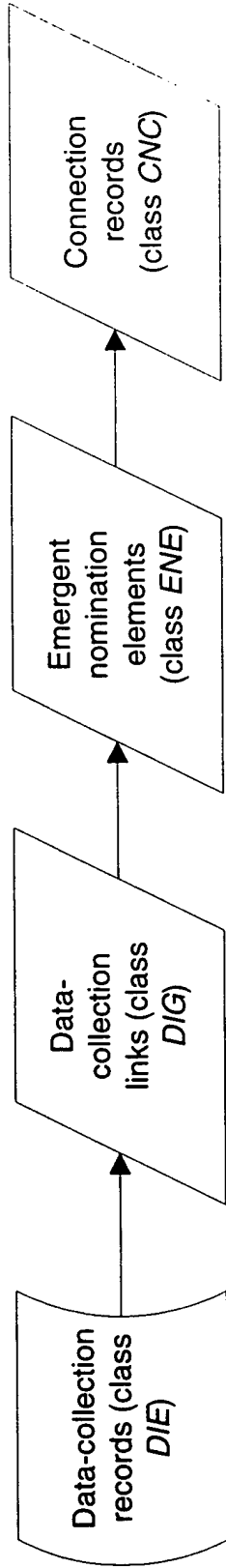


Figure 12: Emergent structure objects

ModelOne

☒ Show

Interaction: Agreement Status: Criteria:

Data Collection: Or

From: Or

Person: Or

Organization:

Figure 13: Model 1 query selection

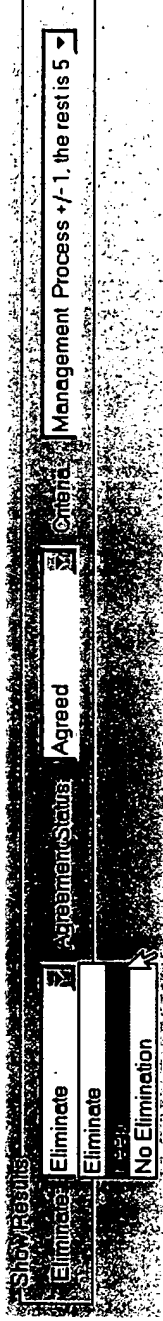


Figure 14: Show results panel

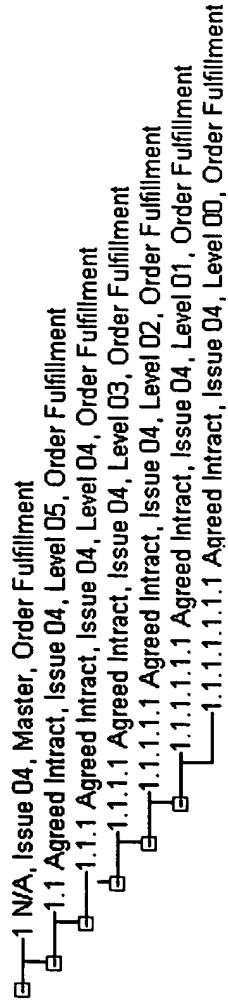


Figure 15: Master and slave issue tree



Figure 16: Replace existing connections

Parasol Application



Parasol Meta-app

| | |
|---|--|
| Floating Point Meta-app | 3D Calculations, 3D Transformations |
| Meta Application Classes | Parasol Desktop, Parasol Dialogs, Parasol Algorithms, Parasol Editors |
| Parasol Database Access + a DLL per Vendor | Parasol System Tables, Implode/Explode |

Class Library

| | |
|---|---|
| Generic Database Access + a DLL per Vendor | SQL System Tables, Dialog Tables, Load Dialog from Database, Signon, Report Generation, SQL statement creation |
| Application Frameworks | Application Desktop, Control Editor, Handles, Tracking, Menu Manager, Status Line, Toolbox, Dialog Manager, Presentation Parameters, Help, Workspace |
| Windowing Classes | Event Manager, Dynamic Messaging, Standard Window, Frame Window, Bitmap, Resources, Dialogs, Font Manager, Window Task, Special Controls, Profiles, Keyboard, Messages |
| Base Classes | Data Structures, Sorts Geometric Functions, Date, Time, File, Hash, Set, Exception Handling Strings, Object |

Figure 17: Parasol application structure

Master

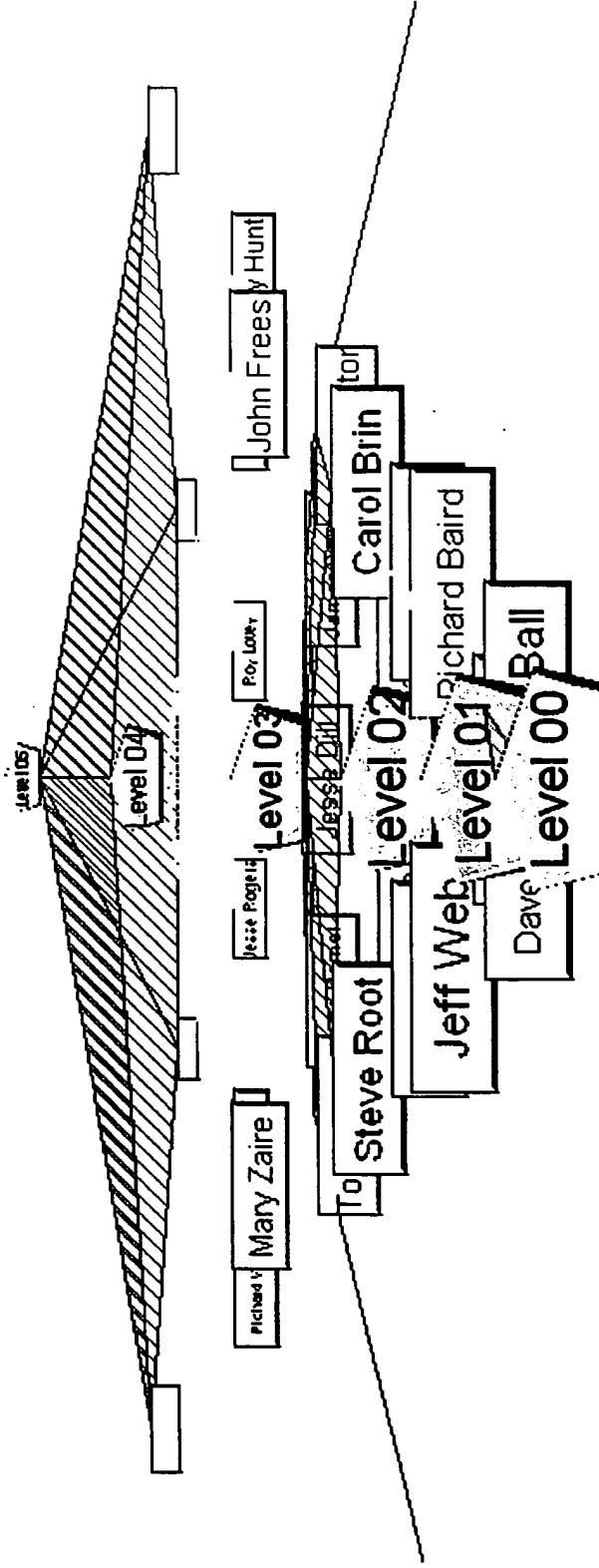


Figure 18: Emergent structure display: 3D view

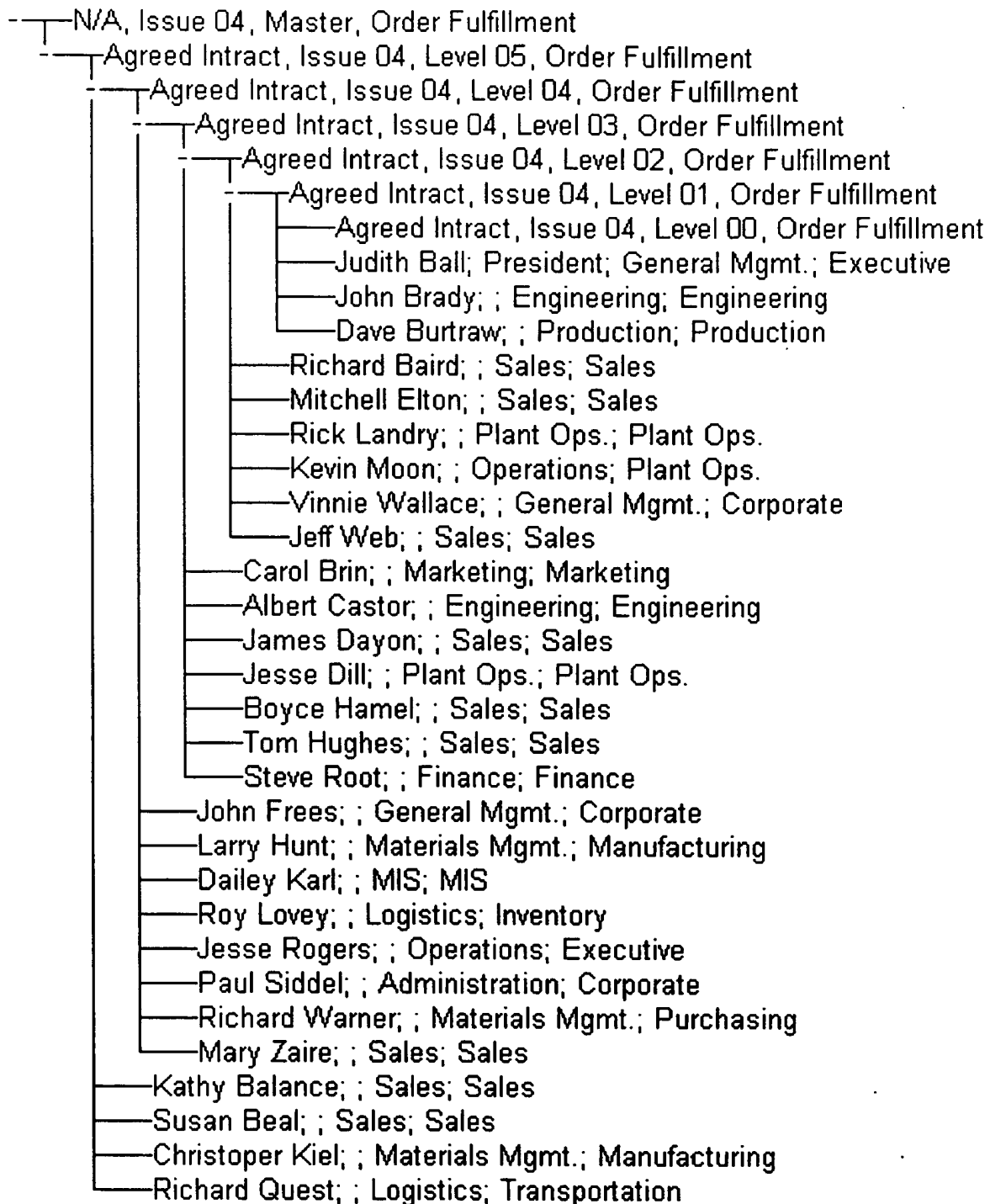


Figure 19: Emergent structure display: outline view